

FAASTeam presents:

Space Weather for Aviators - WINGS Event

Space weather for aviators doesn't mean your aircraft gets hit by a meteor. But the sun and its activity has a great impact on our navigation and avionics. Without knowing it we as pilots could get lost in a sun storm.

The significance of space weather lies in its potential impact on man-made technologies on Earth and in space, for example, on satellites and spacecraft, especially radio and telephone communications, electricity power grids, pipelines and on geophysical exploration.

Space weather storms can result in lost or degraded communications, unreliable navigational equipment, flight-critical electronic system problems, and radiation hazards to crew and passengers.

Space weather arises as a result of various dynamic, but relatively short-lived, phenomena produced by the Sun, which are carried in the solar wind and which may interact with the Earth's magnetosphere. Long-term changes, that is, changes over decades to centuries, also occur in the near-Earth space environment. These changes are due to long period variations in solar magnetic activity and in variations in the strength of the Earth's magnetic field.

Event Details

Sat, Nov 16, 2013 - 10:30 am

EAA Chapter 96 Hangar

1017 W. Alondra Blvd

Compton, CA 90220



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Representative RHON LINN WILLIAMS

2013 has shown a recent increase in sun activities in a 11 year cycle. These activities have a strong impact on avionics and navigation equipment. Presentation follows the chapter meeting held at 10 AM (public is welcome). Attendees are welcome to join the EAA BBQ following the presentation.

Directions: Enter through gate in fence along Alondra Blvd and make a sharp left turn. Drive along fence to parking lot southeast of EAA hangar.

A message from the National FAASafety Manager

Invite a fellow pilot to the next WINGS Safety Seminar in your area.

Sign up for the FAA's safety services at www.FAASafety.gov!

The FAA Safety Team (FAASafety) is committed to providing equal access to this meeting/event for all participants. If you need alternative formats or services because of a disability, please communicate your request as soon as possible with the person in the "Contact Information" area of the meeting/event notice. Note that two weeks is usually required to arrange services.